

**E**cology and  
environment, inc.

International Specialists in the Environment

Logbook #2

Job Number \_\_\_\_\_

JEFFERSON PROCESSING (REMOVAL)

- TDD #: S05 - 0002 - 008

- PAN #: OF0801 RAXX

- CERCLA ID #: BSC2

EPA Region 5 Records Ctr.



388269

E & E Job Number \_\_\_\_\_

Telephone Code Number ΦΦ235

Site Name JEFFERSON PROCESSING (REMOVAL)

4243 COUNTY ROAD 74 (HOULD ROAD)

City/State MINK JUNCTION, JEFFERSON COUNTY, OHIO

TDD 545-ΦΦΦ2-ΦΦ8

PAN ΦF Φ8Φ1 RAXX

SSID \_\_\_\_\_

Start / Finish Date 9/29/00 , 10/27/00  
(LOGBOOK #2)

Book 2 of 2

E & E Emergency Response Center: (716) 684-8940

E & E Corporate Center: (716) 684-8060

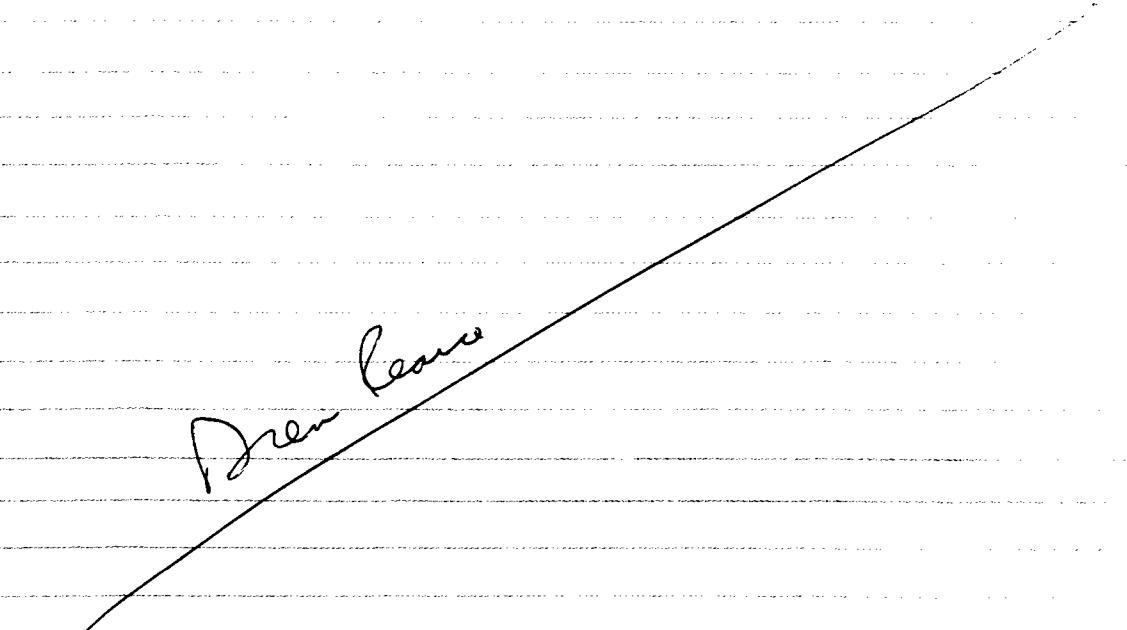
MEDTOX Hotline: (501) 370-8263

E & E Safety Director (Home): (716) 655-1260

-FRIDAY, SEPTEMBER 29, 2000

- 0800 - START and ERSS personnel on site.
- 0830 - MORNING SAFETY MEETING (topics of discussion):
  - ERSS crew to perform decontamination procedures on equipment.
  - Most ERSS personnel to demobilize from the Site after C.O.B. today or tomorrow (9/30/00).
- 0930 - START Leance departs Site to go to Jefferson County Air Park for overflight of Site for photo and video documentation (aerial).
- 1100-1230 - START Leance performs aerial photo/video documentation during overflight of Site
- 1300 - ERSS crews are decontaminating equipment in preparation for demobilize today following C.O.B.
- 1730 - ERSS received approval from OSC Cook to award rigging/crane IFB to low-bid subcontractor (EPS). ERSS PM awards rigging/crane IFB to EPS (Environmental Protection Services) as subcontractor to ERSS.
- 1830 - START and ERSS personnel off site.

Drew  
Leave



-TUESDAY, OCTOBER 3, 2000

- 0700 - USCG-AST, START, and ERSS personnel on site.
  - 0715 - USCG-AST and START personnel prepare for visual EOC survey (4-wheeled ATVs and field equipment/supplies)
  - 0800 - OSC Cook, USCG-AST, and START Leance viewing photo and video documentation of Site from overflight.
  - 0900-1030 - START Starting surveying roadside (Holeld Rd) stockpiles/soil/slag banks for metal anomalies with a metal detector (up to 8 feet below ground surface).
  - 1030-1200 - USCG-AST personnel scouting/surveying stockpiles and investigating trailheads and stockpile access roads and trails with 4-wheeled ATVs and GPS units (w/ personal pumps).
  - 1300 - START monitoring ERSS operator utilizing Bobcat to open up a berm of soil/rocks which is blocking access to the stockpile behind Building J2. This access road needs to be accessible for ATVs and possibly 4-wheel drive pickup trucks to ascend the stockpile behind Building J2.
  - 1400-1500 - START and ERSS operator investigate access road and stockpile behind Building J2.
  - 1400 - ERSS Foreman continuing to decontaminate equipment and assemble equipment/supplies in preparation for demobilize on 10/6/00.
  - BACKNOTE: 1230-1400 - ERSS PM conducted a Site walk-through with the rigging/crane subcontractor (EPS) representatives who were on site. EPS was also the lowest bidder for the transformer carcass T+D subcontract/IFB. IFB proposals from subcontractors for the T+D subcontract/IFB were due today by C.O.B.
  - 1700 - OSC, START, and USCG-AST personnel off site
- Drew Leance

-WEDNESDAY, OCTOBER 4, 2000

- 0800-USCG-AST, START, and ERSS personnel on site.
- 0830-USCG-AST and START personnel prepare for visual extent of contamination survey.
- 0900-Triad Transportation truck arrives on site to perform T+D of GE capacitors which were packed into salvage drums.
- 0930-USCG-AST and START personnel begin visual EOC survey and RAM air monitoring. USCG-AST continue scouting/surveying (separate "island" stockpiles to the north/NE of Building J1) and identifying trails (w/ personal pumps on each USCG-AST member). START personnel performed air monitoring with RAMs and photodocumentation during the EOC survey.
- 1300-USCG-AST continue scouting/surveying stockpiles/trails to the north/NE of Building J1 including locating a pond in the area. START personnel continue EOC survey by collecting field data from the stockpiles located alongside Gould Rd in front of Buildings J1 and J2.
- (For data collected by START and USCG-AST personnel during the visual EOC survey see the "Visual Extent of Contamination Survey Field Data Sheets" for 10/4/00.)
- 1630-OSC, START leader, and ERSS RM met to discuss work schedule for subcontracted work 10/16-10/27/00.
- 1730-START reviewing field data collected from visual EOC survey and preparing USCG-AST personal pump samples for shipping tomorrow.
- 1830-START and ERSS personnel off site.

Drew Pearce

-THURSDAY, OCTOBER 5, 2000

- 0800-USCG-AST, START, and ERSS personnel on site.
- 0900-START Starting surveying abandoned railroad spur/beds to the north/NE of Building J1 with metal detector and GPS unit.
- 0900-USCG-AST personnel off site.
- 1030-ERSS completing equipment decontamination procedures in preparation for demo tomorrow (10/6). ERSS RM investigating IFB/proposal for subcontracted T+D operations (Phase IIc). ERSS investigating/confirming RCRA disposal facility compliance for low-bid T+D subcontractor (EPS).
- 1300-ERSS operator closing up soil/rock berm to block access road to stockpiles behind Buildings J1 and J2.
- 1400-START Starting continuing EOC survey by collecting field data from the upper level areas of the north side of Building J1. Several empty, 55-gal metal drums were observed to the north of Building J1. (See EOC survey data.)
- 1630-START and ERSS packing vehicles in preparation for demobilization from the site on 10/6/00.
- 1700-OSC, START, and ERSS personnel off site

Drew Pearce

-MONDAY, OCTOBER 16, 2000

- OSC, START, ERRS RM/Clerk/Foreman, and ERRS subcontractor (Environmental Protection Services) mobilized personnel, equipment, and supplies to Site today.
- 0800 - EPS (ERRS subcontractor) began preparations for removal of transformer carcasses via rollers and rigging/cranes ("red").
- 1500 - EPS contractors performing prep work at the Substation.
- 1830 - OSC, START, ERRS, and EPS personnel off site

DrewLeave

-TUESDAY, OCTOBER 17, 2000

- 0700 - START, ERRS, and ERRS subcontractors on site.
- 0730 - MORNING SAFETY MEETING (topics of discussion):
  - Weather: cloudy with scattered rain showers; temps in the 60s.
  - Fall protection emphasized - body harnessing when using manlift.
- 0800 - EPS contractors begin work on Substation transformers - nuts/bolts dismantling.
- 1400 - EPS contractors moving transformers in Building J1 in preparation for crane work. EPS contractors are moving/staging transformers which used to contain "high-level" PCB oils (i.e., >500 ppm PCBs) in preparation for crane work on 10/19/00.
- 1830 - OSC, START, ERRS, and EPS personnel off site.

DrewLeave

- WEDNESDAY, OCTOBER 18, 2000
- 0700 - START, ERSS, and EPS personnel on site.
  - 0730 - MORNING SAFETY MEETING (topics of discussion):
    - Weather: cloudy with chance of showers;
    - temps in the 60's/50's.
    - Confined-space entry S.O.P.'s and H+S issues discussed for entry into manways for three Substation (exterior) transformers to unbolt top bushings.
    - 0800 - EPS contractors prepare for confined-space entry into Substation transformer manways.
    - 0850 - EPS contractors unbolting top bushings (via confined-space entry into manways) of three Substation transformers.
    - 1100 - EPS contractors dismantling top bushings from the three Substation transformers. Also, EPS contractors utilizing a hydraulic cylinder, chains, and floor jacks / blocks to position transformer JT-D directly in line with opened vault wall to the NE. Large blower near JT-D/E is still in place and needs to be removed for transformer access. Metal tracks and rollers are in place for removal of transformer JT-D. Transformer JT-E was partially removed from its vault yesterday (10/17/00).
    - 1400 - Transformer JT-D is now partially removed from its vault on tracks/rollers.
    - 1430 - EPS exterior crew is removing the fins from the three Substation transformers via cutting torch and wrenches. Truck crane is lifting the fins off the transformers and setting them on the ground at Substation.
    - 1500 - EPS interior crew is utilizing the hydraulic

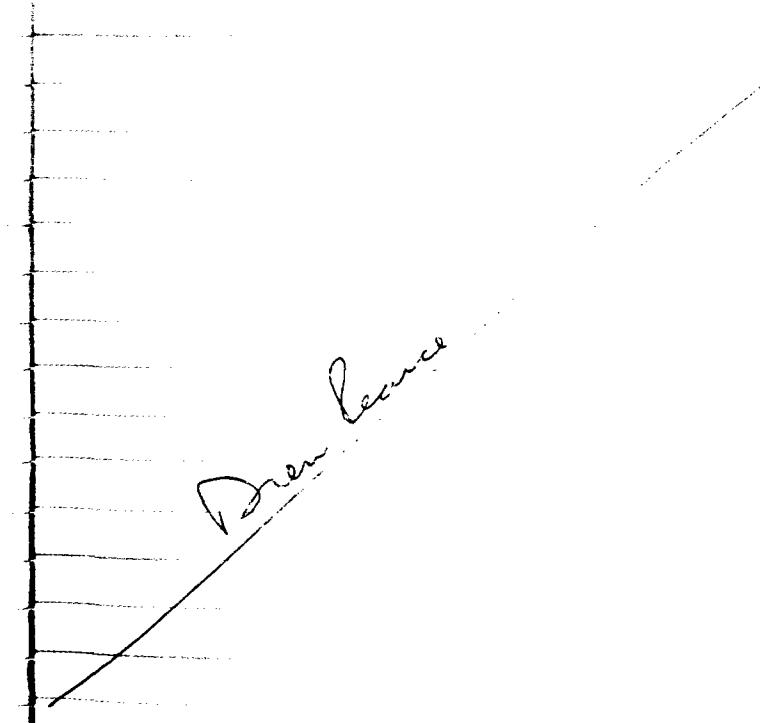
- cylinder, chains, and four rollers to pull transformer JT-D completely away from its vault towards the blower on level 2 of JT.
- 1600 - EPS exterior crew is still removing the fins from Substation transformer SS-L (16 fins total).
- 1830 - OSC, START, ERSS, and EPS personnel off site.

Drew Pearce

THURSDAY, OCTOBER 19, 2000

- 0700 - START, ERSS, and EPS personnel on site.
- 0730 - MORNING SAFETY MEETING (Topics of discussion):
  - Weather: partly cloudy with temps in the 50's.
  - Hot work to be performed by EPS contractors at Substation transformers (fin removal); 8 fins per (two) transformers remain (16 total) and at Level 2 railing in Building J1.
  - Proper donning/doffing of PPE discussed.
  - Slip/trip/fall hazards discussed.
  - 80-ton crane from EPS is to arrive on site today for transformer removal at 1000 hrs.
  - Transformers J1-A, J1-B, and J1-C to be loaded on truck for T+D today.
- 0800 - EPS contractors prepare for hot work (torch cutting) operations at the Substation transformers and at Level 2 railing in Building J1. Crane is to be utilized by EPS to remove the blower blocking access to transformer J1-D on level 2 of Building J1.
- 1000 - All Crane Rental (Pittsburgh, PA), a subcontractor to EPS, is attempting to deliver the 80-ton crane (weighs 116,000 lbs); however, the crane weight exceeds the maximum weight capacity of two bridges on Gould Rd. which lead to the Site. Also, All Crane Rental needs to submit a permit to Jefferson County Engineer's Office prior to crossing over bridges with a heavy load. A different crane subcontractor or crane may be needed. The crane is currently parked in front of Flesler Auto Salvage before 1<sup>st</sup> Gould Rd bridge.
- 1350 - Flat-bed truck arrives on site for the T+D of transformers J1-A, J1-B, and J1-C which

- have been staged on the concrete pad in front of Building J1.
- 1415 - Boom truck is loading flat-bed truck for the T+D of transformers J1-A, J1-B, + J1-C.
- 1520 - Flat-bed truck departs with J1-A, J1-B, + J1-C.
- 1600 - All fins (16 total) have been cut/torched on Substation transformers SS-J and SS-K (presently awaiting picking via boom truck).
- 1615 - EPS and All Crane subcontractors commence removing fencing from Level 2 railing in Building J1. Torch cutting operations are being conducted as well as crane picking on J1-level 2.
- 1830 - OSC, START, ERSS, and EPS personnel off site.



- FRIDAY, OCTOBER 20, 2000
- 0700 - START, ERSS, and EPS personnel on site
- 0730 - MORNING SAFETY MEETING (Topics of discussion):
  - Weather: partly cloudy with temps in the 60's.
  - Crane to be used for transformer removal in Building J1. Flat-bed trailer was delivered to Site at 1730 hrs. yesterday.
  - Hot work to be performed by EPS contractor on header beams in buildings prior to picking ~~the~~ transformers via crane.
  - Fall protection H+S Sols were discussed.
- 0800 - EPS contractors prepare for hot work (torch) operations in Building J1.
- 0900 - Transformer J1-I was chained to the flat-bed (low-boy) trailer. ~~Pre~~<sup>P</sup> ~~day before~~ ~~con~~
- 1000 - OSC, ERSS Foreman, START, and EPS H+S officer met to discuss health and safety issues and work task communications amongst EPS and ERSS/START.
- 1100 - 1500 - EPS contractors removing transformer J1-H from level 2 in Building J1 following removal of railings/fencing. Also, EPS contractor utilizing oxy/acetylene torch to cut I-beam header which is blocking crane boom access to transformer J2-N (level 1-balcony) in Building J2.
- 1500 - EPS contractors complete cutting/removal of I-beam header section at level 1-balcony where transformer J2-N is located.
- 1535 - EPS contractors removing transformer PH-M from the lumphouse. PH-M was loaded onto the bed of the boom truck.
- 1615 - EPS contractors loading transformer PH-M onto the flat-bed trailer for T + D w/ J1-I.

- 1720 - EPS Contractors picking/removing large blower on level 2 in Building J1 which was blocking crane boom access to transformer J1-D. Transformers J1-I and PH-M are on the flat-bed trailer.
- 1800 - EPS contractors off site.
- 1830 - START and ERSS personnel off site. Transformer J1-H is grounded (just inside wall don't. 3).

Drew Pearce

- MONDAY, OCTOBER 23, 2000
- 0700 - START and ERSS personnel on site.
- 0715 - EPS personnel on site.
- 0730 - MORNING SAFETY MEETING (topics of discussion):
  - Weather: sunny/clear; temps in the 60s.
  - Fall protection H+S Sol's were discussed.
  - Proper PPE donning/doffing procedures.
  - Awareness of "Caution" taped areas.
  - EPS contractors to perform hot work (torching) of metal structures in Building J2 (mainly for crane boom access to J2-N in the Level 1 balcony).
  - EPS contractors to move/stage remaining transformers closer to edge of levels in preparation for crane picking/removal operations tomorrow. (No crane today)
  - EPS contractors to continue dismantling work on the Substation transformers.
  - Present flat-bed trailer (w/ J1-I and PH-m) will be loaded with two additional transformers (i.e., J2-N and J2-O) for a total of four for T+D.
- 1330 - EPS contractors performing hot work (torching) on metal structures in Building J2 to allow for crane boom access to transformers.
- 1400 - Exterior EPS crew removing radiator fins from transformer SS-K (only one more radiator fin remains on the transformer).
- 1500 - Exterior EPS crew removing radiator fins from transformer SS-J at the Substation.
- 1600 - EPS interior crew has removed railing/fencing from level 2 in Building J1 (for access to J1-E), railing/fencing from level 3 in Building J2 (for access to J2-O),

- and smaller metal support structures from level 1-balcony in Building J2 (for access to J2-N).
- 1730 - EPS interior crew has repositioned J1-E and J2-L in both buildings in preparation for their removal/grounding via crane tomorrow prior to T+D operations.
- 1800 - OSC, ERSS PM and Foreman, START, and one of the Project Managers for EPS met to discuss the scope of work for this final week of site operations.
- Schedule of Work:
  - TUES (10/24) - removal and T+D of all remaining interior transformers (4 "reds"/4 "greens")
  - WED (10/25) - removal and T+D of Substation transformers (SS-J, SS-K, SS-L)
  - THURS (10/26) - EPS to complete T+D of Substation transformers; ERSS - Demolite equip.
  - FRI (10/27) - final demolition (demolite trailer)
- 1830 - OSC, START, ERSS, and EPS personnel off site.

Drew Pearce

-0700 - START and ERSS personnel on site (ERS-Ess).

-0730 - MORNING SAFETY MEETING (Topics of discussion):

-Weather: scattered rain showers & temps in the 60's.

-Awareness of "Cantilever" tapered areas:

-EPS contractors to perform hot work (torching) of metal structures in Building (Building) J1-E

-Additional flatbed trailers to begin arriving on site today at 1000 hrs for the T+D of all remaining interior

transformers in Buildings J1 and J2.

-Awareness of "pinch points" during removals.

-0830 - EPS contractors prepare for transformer removal operations via crane.

The crane is presently situated at the north end of Building J1 (ready for

picking of transformer J1-D).

-0930 - EPS contractors attempting to remove

transformer J1-E with the crane from

level 2 in Building J1. The crane

cannot pull out J1-E due to

a horizontal I-beam header which is

in line with the helix of level 2.

EPS contractors need to remove a

section of this I-beam header in

order to remove transformer J1-E.

Transformer J1-D was removed from

level 2 and grounded in Building J1

at approximately 0930 hrs.

-1045 - EPS contractors are removing

a section of the I-beam header which

is blocking crane boom access to J1-E.

-1300 - Transformer J2-Q was removed from

Level 3 from Building J2 and delivered

to the flatbed trailer with J1-I and P-M.

-1400 - Transformer J2-N was removed from

Level 1 - Balcony in Building J2 and delivered

to the flatbed trailer with J1-I P-M and J2-Q.

-1430 - The second truck/trailer departed the

site with transformer concern J1-I, P-M, J2-Q, and J2-N (all empty transformer

of the same weight that use to contain PCBs with PCB levels >500 ppm PCBs).

-1630 - START, OSC, and ERS run/PCA reviewing

ERAS 1900-550 from early October time

-1715 - EnviroSense truck delivered in flatbed

trailer - The third overall truck/trailer departed the site with transformer concern J1-D and

J2-P (all empty transformers of the same weight that use to contain PCBs with PCB levels of 50-500 ppm PCBs).

-1830 - OSC, START, ERS, and ERS personnel off site.

*New Crew*

- WEDNESDAY, OCTOBER 25, 2000
- 0700 - START and ERSS personnel on site
  - 0715 - EPS personnel on site.
  - \* 0730 - MORNING SAFETY MEETING (Topics of discussion):
    - 0800 - Weather: Foggy with chance of showers (overcast) temps in the 60s.
    - Slip-trip-fall hazard awareness.
    - Hot work (torching) to be performed by EPS contractors on the Substation transformers (T+D operations to follow).
    - Transformer carcasses JT-E and JT-H are presently on the ground awaiting T+D.
    - 0800 - EPS contractors prepare for hot work at Substation transformers and prepare crane for loading flat-bed trailer with grounded transformers JT-E and JT-H.
    - 1000 - EPS contractors performing hot work at the Substation transformers. Transformer carcasses JT-E and JT-H have been loaded onto the flat-bed trailer.
    - 1110 - EnviroSew truck delivered a flat-bed trailer to be utilized for a Substation transformer <sup>core</sup> carcass for T+D.
    - 1200-1330 - EPS contractors and subcontractors removed the inner core from Substation transformer SS-L. The inner core of SS-L was wrapped with sorbent material and placed on its side on the flat-bed trailer which arrived at 1110 hours.
    - 1400 - The 4<sup>th</sup> truck/trailer departed the Site with transformer carcasses JT-E and JT-H (all empty transformers of the same weight that use to contain oils with PCB levels of 50-500 ppm PCBs).

- 1600-1700 - EPS contractors and subcontractors removing the inner core from Substation transformer SS-K. The inner core of SS-K was wrapped with sorbent material and placed on its side (on the flat-bed trailer). The casing for SS-K is being cut in half (top/bottom) via a cutting torch.
- 1700 - EnviroSew truck delivered a flat-bed trailer to be utilized for the inner core of Substation transformer SS-K for T+D.
- 1800 - The 5<sup>th</sup> truck/trailer departed the Site with the ½-cut casings for Substation transformers SS-L (whole casing) and SS-K (½ of casing). Transformer SS-L use to contain oils which were "non-hazardous" (i.e., <50 ppm PCBs), and transformer SS-K use to contain oils which with PCB levels of 50-500 ppm PCBs. The cores for these transformers are still awaiting T+D.
- 1830 - EPS, ERSS, OSC, and START personnel off site.

Drew  
Pearce

- THURSDAY, OCTOBER 26, 2000
- 0700 - START and ERSS personnel on site.
  - 0730 - EPS personnel on site.
  - 0800 - MORNING SAFETY MEETING (topics of discussion):
    - Weather: foggy / mostly cloudy; temps in the 60's.
    - Slip-trip-fall hazard awareness.
    - Hot work (torchng/cutting) to be performed by EPS contractors on the Substation transformer SS-J, and hot work (welding) to be performed by EPS contractors on handrails in Buildings J1 and J2.
    - Inner cores for transformers SS-L and SS-K are presently loaded on trailers awaiting T+D operations today.
    - Low visibility currently on site due to heavy fog conditions (92% rel. humidity); safe driving of vehicles emphasized.
  - 0830 - EPS contractors prepare for Substation transformer (core/casing) T+D operations.
  - 1230 - The 6th truck/trailer departed the Site with the inner core to Substation transformer SS-K. The 7th truck/trailer departed the Site with 24 radiator fins removed from Substation transformers SS-L and SS-K and four breather pots removed from transformers J1-A, B, C, and I.
  - 1430 - EnviroSolve truck delivered a flat-bed trailer to be used for the core of SS-J.
  - 1520 - The 8th truck/trailer departed the Site with the inner core to Substation transformer SS-J.
  - 1645 - 1700 - The 9th truck/bay trailer departed the Site with three drums of oil and the

empty/cut casings for Substation transformers SS-K ( $\frac{1}{2}$  of casing) and SS-J (whole casing); plus three electrical panels from the transformer.

1700 - The 10th truck/trailer departed the Site with the inner core to Substation transformer SS-L.

-1900 - START and ERSS personnel off site.

Drew  
Leave

22

-FRIDAY, OCTOBER 24, 2002

-FINAL DEMOBE DAY: All equipment, supplies  
and personnel off site. →Draw Clean